

N.C. DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES

FILE DOCKET

Circle one:  
G, I, P, GW, C

DATE

ITEM

- ① 10.12.90 Permit Application (Part A) ④ Photos
- ② 5.28.92 To: J. Rhodes from Yvonne Bailey Re: Soil Assmt Report
- ③ 1-28-95 Permit Application part A.
- ④ 1-31-95 Amended RCRA part A permit Application

**KIRKLAND & ELLIS**  
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

File: Permitting  
Asheville Dyeing + Fin.  
NCD 070 619 663

(4)

Brian R. Land  
To Call Writer Direct:  
202 879-5956

855 Fifteenth Street, N.W.  
Washington, D.C. 20005

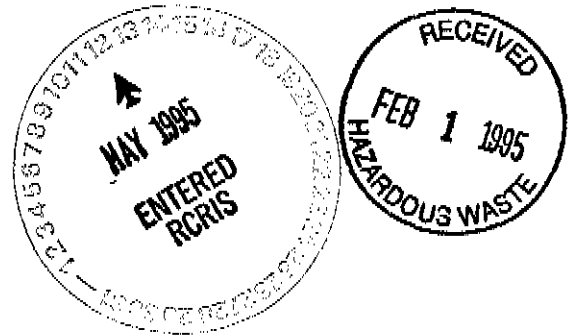
202 879-5000

Facsimile:  
202 879-5200

January 31, 1995

**VIA FEDERAL EXPRESS**

Mr. James Edwards  
Hazardous Waste Section  
North Carolina Department of Environment  
Health and Natural Resources  
401 Oberlin Road  
Raleigh, N.C. 27605



Re: Amended RCRA Part A Permit Application - Asheville Dyeing  
and Finishing, Swannanoa, North Carolina - NCD070619663

Dear Mr. Edwards:

Our client, Anvil Knitwear, Inc. (the "Company"), has purchased certain assets of the Anvil Knitwear Division of McGregor Corporation and Winston Mills, Inc. The transaction closed on January 28, 1995. As part of the transaction, the Company acquired the Asheville Dyeing and Finishing facility located on Warren Wilson College Road, Swannanoa, North Carolina 28778.

The above-referenced facility is the subject of corrective action pursuant to RCRA. Pursuant to the terms of the sale, Winston Mills, Inc. (the Seller) will retain responsibility for the RCRA corrective action. I have discussed these circumstances with you and you indicated that the parties should submit an amended Part A application listing Anvil Knitwear, Inc. as the new owner of the facility, and listing Winston Mills, Inc. as the operator. Such an amended Part A application is enclosed. Other than the change in owner, the application is virtually identical to the application submitted by Winston Mills, Inc. in 1990.

The transaction will not affect the day-to-day operations of the facility. Moreover, we have been assured that Winston Mills, Inc. will continue to fulfill its requirements under RCRA.

KIRKLAND & ELLIS

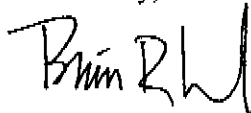
Mr. James Edwards

January 31, 1995

Page 2

I appreciate your attention to this matter. If you require any additional information, please call me at (202) 879-5956.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian R. Land". The signature is stylized with a large, looped "B" and a cursive "Land".

Brian R. Land

Counsel to Anvil Knitwear, Inc.

Enclosure

cc: Steve Oster, Esq.  
Jack Hollander  
Steve Pegg  
Yvonne Bailey, Esq.

<b>For EPA Regional Use Only</b>  <b>Date Received</b> Month   Day   Year <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<b>United States Environmental Protection Agency</b> Washington, DC 20460 <h2 style="margin: 10px 0;">Hazardous Waste Permit Application</h2> <h3 style="margin: 0;">Part A</h3> <p><i>(Read the Instructions before starting)</i></p>	
---	--	--

**I. Installation's EPA ID Number (Mark 'X' in the appropriate box)**

<input type="checkbox"/> <b>A. First Part A Submission</b>	<input checked="" type="checkbox"/> <b>B. Part A Amendment # _____</b>
--	--

**C. Installation's EPA ID Number****D. Secondary ID Number (if applicable)**

N C D 0 7 0 6 1 9 6 6 3	
-------------------------	--

**II. Name of Facility**

A S H E V I L L E	D Y E I N G & F I N I S H I N G
-------------------	---------------------------------

**III. Facility Location (Physical address not P.O. Box or Route Number)****A. Street**

W A R R E N	W I L S O N C O L L E G E R O A D
-------------	-----------------------------------

**Street (Continued)**

( N O S T R E E T N U M B E R )	
---------------------------------	--

**City or Town****State****Zip Code**

S W A N N A N O A	N C 2 8 7 7 8 -
-------------------	-----------------

**County Code (if known)****County Name**

0 2 1 B U N C O M B E	
-----------------------	--

**B. Land Type****C. Geographic Location****D. Facility Existence Date**

(Enter code)	LATITUDE (Degrees, Minutes, & Seconds)	LONGITUDE (Degrees, Minutes & Seconds)	Month	Day	Year
P	3 5 3 6 4 3 7	0 8 2 2 5 5 5 6	*		

**IV. Facility Mailing Address****Street or P.O. Box**

P O B O X 3 3 7	
-----------------	--

**City or Town****State****Zip Code**

S W A N N A N O A	N C 2 8 7 7 8 -
-------------------	-----------------

**V. Facility Contact (Person to be contacted regarding waste activities at facility)****Name (Last)****(First)**

P E G G	S T E V E
---------	-----------

**Job Title****Phone Number (Area Code and Number)**

D I R E M P . R E L A T I O N S	7 0 4 - 2 9 8 - 2 2 8 0
---------------------------------	-------------------------

**VI. Facility Contact Address (See Instructions)****A. Contact Address****B. Street or P.O. Box**

Location Mailing	Other	P O B O X 3 3 7
------------------	-------	-----------------

**City or Town****State****Zip Code**

S W A N N A N O A	N C 2 8 7 7 8 -
-------------------	-----------------

EPA ID Number (Enter from page 1)

Secondary ID Number (Enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## VII. Operator Information (See Instructions)

Name of Operator

W I N S T O N M I L L S, I N C. c/o M C G R E G O R C P.

Street or P.O. Box

6 0 0 M A D I S O N A V E. 1 1 t h F L O O R

City or Town

N E W Y O R K N Y 1 0 0 2 2 -

Phone Number (Area Code and Number)

2 1 2 - 3 0 7 - 8 1 1 0

B. Operator Type

P

C. Change of Operator

Indicator

Yes

No

X

Date Changed

Month

Day

Year

## VIII. Facility Owner (See Instructions)

A. Name of Facility's Legal Owner

A N V I L K N I T W E A R, I N C.

Street or P.O. Box

P O B O X 3 3 7

City or Town

S W A N N A N O A N C 2 8 7 7 8 -

Phone Number (Area Code and Number)

7 0 4 - 2 9 8 - 2 2 8 0

B. Owner Type

P

C. Change of Owner

Indicator

Yes

X

No

Month

Day

Year

0 1 2 8 9 5

## IX. SIC Codes (4-digit, in order of significance)

Primary

Secondary

2 2 6 9 (Description) FINISHERS OF TEXTILES

(Description)

Secondary

Secondary

(Description)

(Description)

## X. Other Environmental Permits (See Instructions)

A. Permit Type  
(Enter code)

B. Permit Number

C. Description

E

S - 0 2 1 - 9 1

DISCHARGE TO METROPOLITAN SEWAGE

E

2 0 1 8 0 &amp; 2 0 1 8 1

DISTRICT OF BUNCOMBE COUNTY

WESTERN N. CAROLINA REGIONAL AIR

E

L 0 8 5

POLLUTION CONTROL PERMITS TO OPERATE

BUNCOMBE COUNTY HAZARDOUS WASTE

LICENSE

EPA ID Number (Enter from page 1)

Second ID Number (Enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XI. Nature of Business (Provide a brief description)

The facility is a manufacturing facility which knits, dyes, and finishes fabrics for the screen print industry. The facility produces cotton and poly-cotton circular knit fabrics.

## XII. Process Codes and Design Capacities

- A. PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Thirteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item XIII.
- B. PROCESS DESIGN CAPACITY** - For each code entered in column A, enter the capacity of the process.
- 1. AMOUNT** - Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
  - 2. UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.
- C. PROCESS TOTAL NUMBER OF UNITS** - Enter the total number of units used with the corresponding process code.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	<b>Disposal:</b>				
D79	Underground Injection	Gallons; Liters; Gallons Per Day; or Liters Per Day	T87	Smelting, Melting, Or Refining Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour
D80	Landfill	Acre-feet or Hectare-meter	T88	Titanium Dioxide Chloride Process Oxidation Reactor	
D81	Land Treatment	Acres or Hectares	T89	Methane Reforming Furnace	
D82	Ocean Disposal	Gallons Per Day r Liters Per Day	T90	Pulping Liquor Recovery Furnace	
D83	Surface Impoundment	Gallons or Liters	T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid	
D99	Other Disposal	Any Unit of Measure Listed Below	T92	Halogen Acid Furnaces	
	<b>Storage:</b>		T93	Other Industrial Furnaces Listed in 40 CFR §260.10	
S01	Container (Barrel, Drum, Etc.)	Gallons or Liters	T94	Containment Building-Treatment	Cubic Yards or Cubic Meters
S02	Tank	Gallons or Liters		<b>Miscellaneous (Subpart X):</b>	
S03	Waste Pile	Cubic Yards or Cubic Meters	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
S04	Surface Impoundment	Gallons or Liters	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; or Kilograms Per Hour
S05	Drip Pad	Gallons or Liters			
S06	Containment Building-Storage	Cubic Yards or Cubic Meters	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour
S99	Other Storage	Any Unit of Measure Listed Below	X04	Geologic Repository	Cubic Yards or Cubic Meters
	<b>Treatment:</b>		X99	Other Subpart X	Any Unit of Measure Listed Below
T01	Tank	Gallons Per Day or Liters Per Day			
T02	Surface Impoundment	Gallons Per Day or Liters Per Day			
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; or Btu's Per Hour			
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			
T80	Boller	Gallons or Liters			
T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			
T82	Lime Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			
T83	Aggregate Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			
T84	Phosphate Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			
T85	Coke Oven	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			
T86	Blast Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour			

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons .....	G	Short Tons Per Hour .....	D	Cubic Yards .....	Y
Gallons Per Hour .....	E	Metric Tons Per Hour .....	W	Cubic Meters .....	C
Gallons Per Day .....	U	Short Tons Per Day .....	N	Acres .....	B
Liters .....	L	Metric Tons Per Day .....	S	Acre-feet .....	A
Liters Per Hour .....	H	Pounds Per Hour .....	J	Hectares .....	Q
Liters Per Day .....	V	Kilograms Per Hour .....	R	Hectare-meter .....	F
				Btu's Per Hour .....	I

EPA I.D. Number (Enter from page 1)

Secondary ID Number (Enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XII. Process Codes and Design Capabilities (Continued)

EXAMPLE FOR COMPLETING ITEM XII (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number	A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	For Official Use Only
		1. Amount (Specify)	2. Unit Of Measure (Enter code)		
X 1	S 0 2	5 3 3 7 8 8	G	0 0 1	
1	D 8 0	0.05*	A	0 0 1	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

NOTE: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in item XIII.

## XIII. Other Processes (Follow instructions from item XII for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in seq w/XII)	A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	D. Description Of Process
		1. Amount (Specify)	2. Unit Of Measure (Enter code)		
X 1	T 0 4				In-situ Vitrification
1					
2					
3					
4					



EPA I.D. Number (Enter from page 1)

Secondary ID Number (Enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XIV. Description of Hazardous Wastes

- A. EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES****1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item XII A, on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XII A, on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:**

- Enter the first two as described above.
- Enter "000" in the extreme right box of Item XIV-D(1).
- Enter in the space provided on page 7, Item XIV-E, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form (D(2)).

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
- Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below)** - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA HAZARD WASTE NO. (Enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (Enter code)	D. PROCESS	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
X 1	K 0 5 4	900	P	T 0 3 D 8 0	
X 2	D 0 0 2	400	P	T 0 3 D 8 0	
X 3	D 0 0 1	100	P	T 0 3 D 8 0	
X 4	D 0 0 2				Included With Above



EPA ID Number (Enter from page 1)

Secondary ID Number (Enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	F 0 0 1	< 100*	K	D 8 0	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					

<b>EPA ID Number (Enter from page 1)</b>												<b>Secondary ID Number (Enter from page 1)</b>											
N	C	D	0	7	0	6	1	9	6	6	3												

**XV. Map**

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

**XVI. Facility Drawing**

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

**XVII. Photographs**

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

**XVIII. Certification(s)**

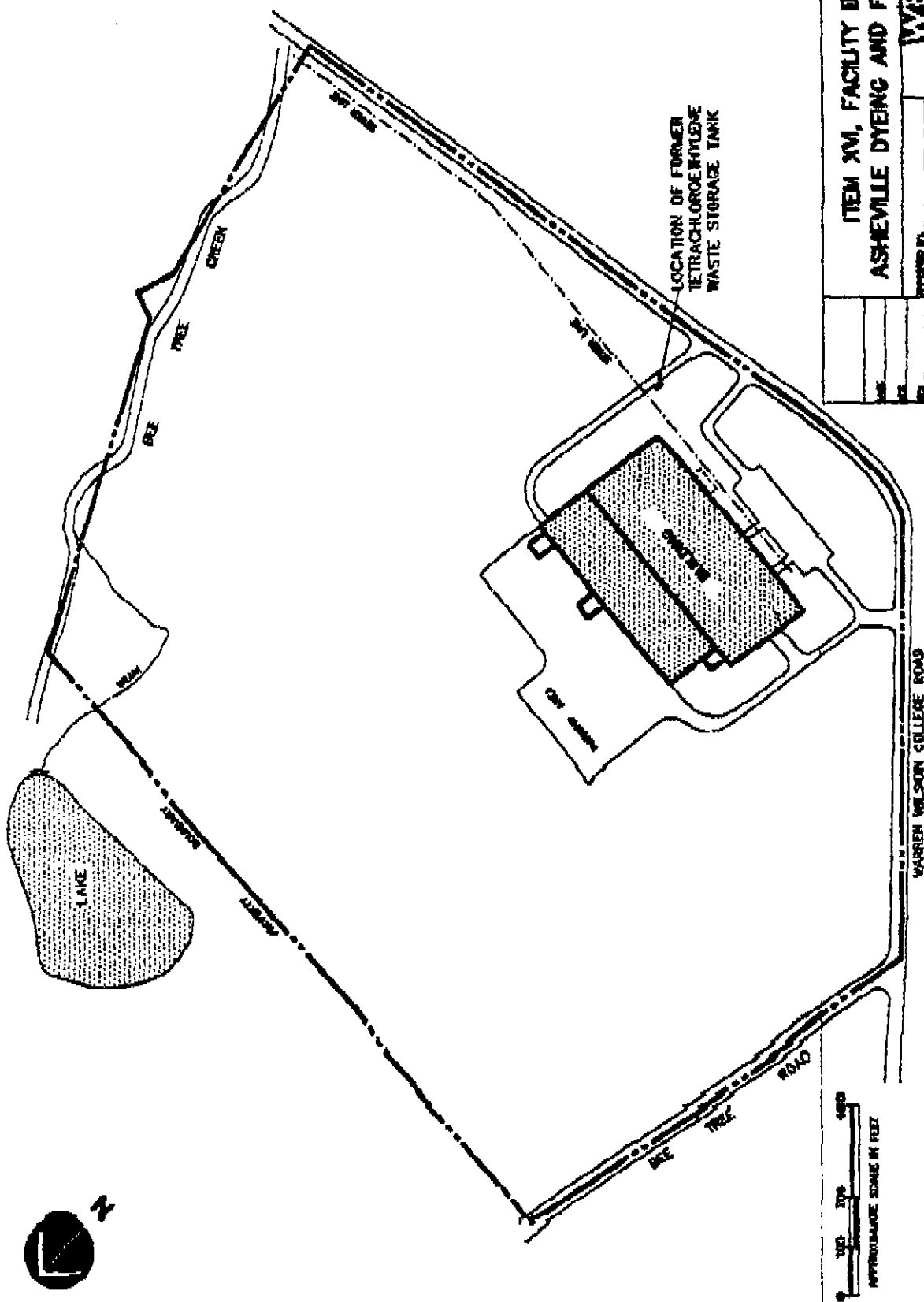
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature <i>Daniel W Miller V.P.</i>	Date Signed 1/30/95
Name and Official Title (Type or print) Daniel W. Miller, Vice President	
Owner Signature	Date Signed
Name and Official Title (Type or print)	
Operator Signature <i>Jacob Hollander</i>	Date Signed 1/27/95
Name and Official Title (Type or print) JACOB HOLLANDER VICE PRES	
Operator Signature	Date Signed
Name and Official Title (Type or print)	

**XIX. Comments**

**Note: Mail completed form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)**





ITEM XVI, FACILITY DRAWING  
ASHEVILLE DYING AND FINISHING CO.

# WESTON

ITEM XVII. PHOTOGRAPHS



SITE OF FORMER UNDERGROUND STORAGE TANK P11  
(D80 LANDFILL)  
28 JUNE 1990

## ATTACHMENT

### ITEM III.D. FACILITY EXISTENCE DATA

Current hazardous waste compliance activities for the facility, including this amended Part A application, are a result of the Administrative Order on Consent entered between Winston Mills, Inc. and the North Carolina Department of Environment, Health, and Natural Resources on 29 August 1990. The date of commencement of hazardous waste operations at the facility, as requested in Item III.D. of the Part A application, does not readily apply to this specific hazardous waste compliance activity. The following passage from the "Stipulations and Findings of Fact," as contained in the Administrative Order on Consent, more accurately depicts the date of hazardous waste activity at the facility:

"The Hazardous Waste Section allows that prior to April 1985, as part of a dry cleaning process at the site, the prior owner/operator of the Asheville Dyeing & Finishing site utilized a raw material underground storage tank and a hazardous waste underground storage tank, both for the storage of tetrachloroethylene. In April 1985, the tanks were removed. Soil samples were collected from the bottom of the tank pits and analyzed by Environmental Testing, Inc. for the presence of solvents. Sample analysis results indicated detectable levels of 1,1,2-trichloroethylene in the soil beneath the tanks. In addition, approximately 14 years ago, an alleged spill of solvent by the previous owner/operator, consisting primarily of tetrachloroethylene occurred at the facility and it is believed that some of the solvent entered an 8-inch drain pipe and followed this pipe to Bee Tree Creek, approximately 1100 feet east of the plant building. Most of the solvent reportedly entered the ground. In 1988, Westinghouse Environmental Services collected soil samples from the site. The samples were analyzed by Industrial and Environmental Analysis, Inc. for volatile organics. Three hazardous constituents were reported in the results: acetone, methylene chloride, and tetrachloroethylene. From the alleged actions of the previous owner/operator, the trichloroethylene, tetrachloroethylene, and methylene chloride contamination in soils at the site constitutes either the disposal of listed hazardous wastes (F001, F003) or the presence of hazardous constituents, as defined in 40 CFR 260.10, codified at 10 NCAC 10F.0002 and 40 CFR 261, codified at 10 NCAC 10F.0029. For the purpose of this order, the Waste Management Unit (the Unit) is the hazardous waste underground storage tank described above. The facility neither admits nor denies any of the allegations set out in this paragraph."



This amended Part A application, as filed herein, addresses the underground storage tank pit area where waste tetrachloroethylene was formerly stored.

ITEM XII. PROCESS CODES AND DESIGN CAPABILITIES

Volume of D80 landfill based on estimated dimensions of former underground storage tank pit of 10 ft. x 20 ft. x 10 ft. deep.

ITEM XIV. DESCRIPTION OF HAZARDOUS WASTES

Estimated quantity of waste based on assumption of maximum 1,1,2-trichloroethylene concentration in soil of 1 mg/kg over a 10 ft. x 20 ft. x 1 ft. deep area (i.e. soil immediately underlying previous underground storage tank). This waste represents leakage or spillage associated with operation of an underground storage tank taken out of service in March 1985. The estimated quantity is a conservative, cumulative total of trichloroethylene potentially present in subsurface soils. No additional trichloroethylene wastes are being or will be generated.

ITEM XV. MAP

According to "Geology and Groundwater Resources of the Asheville Area, North Carolina" (Trapp, 1970), four privately-owned wells are located within the immediate vicinity of the facility. Two of these wells are reported to be observation wells; use of the remaining two wells is not identified. However, none of the wells are located within 1/4-mile of the facility. The C.D. Owens Company, located within 1/4-mile of the facility, owns and operates several wells on its property; however, these wells are reportedly used for industrial purposes.

FILE: P  
ASHEVILLE DYEING  
NCD 070 619 663

**WOMBLE CARLYLE SANDRIDGE & RICE**  
800 WACHOVIA BUILDING  
RALEIGH, NORTH CAROLINA 27601

CHARLOTTE OFFICE  
3300 ONE FIRST UNION CENTER  
301 SOUTH COLLEGE STREET  
CHARLOTTE, NC 28202-6025  
TELEPHONE (704) 331-4900  
TELECOPY (704) 331-4955

MAILING ADDRESS

POST OFFICE BOX 831  
RALEIGH, NORTH CAROLINA 27602  
TELEPHONE (919) 755-2100  
TELECOPY (919) 755-2150  
TELEX 806498

(2) WINSTON-SALEM OFFICES  
1600 ONE TRIAD PARK  
AND  
2400 WACHOVIA BUILDING  
POST OFFICE DRAWER 84  
WINSTON-SALEM, NC 27102  
TELEPHONE (919) 721-3600  
TELECOPY (919) 721-3660  
WACHOVIA TELECOPY (919) 721-3597  
TELEX 806498

YVONNE C. BAILEY  
(919) 755-2129

MAY 29 1992

May 28, 1992

Mr. Jerome H. Rhodes  
Chief, Hazardous Waste Section  
Division of Solid Waste Management  
Department of Environment, Health,  
and Natural Resources  
Post Office Box 27687  
401 Oberlin Road  
Raleigh, NC 27611-7687

Re: Asheville Dyeing and Finishing Facility  
Swannanoa, North Carolina

Dear Jerry:

Enclosed is a Soil Assessment Report dated May 22, 1992, prepared by Aquaterra, Inc., in connection with the above-referenced facility. As we discussed with you and your staff, AD&F is proposing to put in a wastewater pre-treatment system at its Swannanoa facility as required by the Metropolitan Sewage District in Asheville, North Carolina. Although the pre-treatment facility will not be constructed in the area where the former waste underground storage tank is located, AD&F requested Aquaterra to sample the area to insure that tetrachloroethene (PCE), or other volatile organic compounds, had not impacted the area. As you can see from the enclosed, analytical data indicates the presence of volatile organic compounds just above analytical detection methods at only one location in the study area. As evidenced by analytical data collected from monitoring wells MW-9 and MW-9d, groundwater has not been impacted in the area.

If you have any comments about this report, do not hesitate to contact me.

Truly yours,

*Yvonne C. Bailey*  
Yvonne C. Bailey

YCB/vlt

cc: Jacob Hollander, Esq. (w/enclosure)  
Steve Pegg (w/enclosure)  
R. Howard Grubbs, Esq. (w/o enclosure)  
James A. Carpenter (w/o enclosure)  
Bob Glaser (w/o enclosure)  
Rob McDaniel (w/o enclosure)  
Spring Allen (w/o enclosure)  
Kirk Pollard (w/o enclosure)



- 2 of 7 -

EPA I.D. Number (enter from page 1)

Secondary ID Number (enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XII. Process - Codes and Design Capacities (continued)

EXAMPLE FOR COMPLETING ITEM XII (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number	A. PROCESS CODE (from list above)			B. PROCESS DESIGN CAPACITY		C. PROCESS TOTAL NUMBER OF UNITS			FOR OFFICIAL USE ONLY			
				1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)							
X 1	S	0	2	600	G	0	0	2				
X 2	T	0	3	20	E	0	0	1				
1	D	8	0	0.05*	A	0	0	1				
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

NOTE: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in Item XIII.

## XIII. Additional Treatment Processes (follow instructions from Item XII)

Line Number (enter numbers in sequence with Item XII)	A. PROCESS CODE			B. TREATMENT PROCESS DESIGN CAPACITY		C. PROCESS TOTAL NUMBER OF UNITS			D. DESCRIPTION OF PROCESS
				1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)				
	T	0	4						
	T	0	4						
	T	0	4						
	T	0	4						

EPA ID Number (enter from page 1)

Secondary ID Number (enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XI. Nature of Business (provide a brief description)

Asheville Dyeing & Finishing (AD&F) is a manufacturing facility which knits, dyes, and finishes fabrics for the screen print industry. AD&F produces cotton and poly-cotton circular knit fabrics.

## XII. Process - Codes and Design Capacities

A. **PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Twelve lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided in Item XIII.

B. **PROCESS DESIGN CAPACITY** - For each code entered in column A, enter the capacity of the process.

1. **AMOUNT** - Enter the amount. In a case where design capacity is not applicable (such as in a closure/post closure or enforcement action) enter the total amount of waste for that process unit.

2. **UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

C. **PROCESS TOTAL NUMBER OF UNITS** - Enter the total number of units used with the corresponding process code.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	UNIT OF MEASURE	UNIT OF MEASURE CODE
	<b>DISPOSAL:</b>		GALLONS .....	G
D79	INJECTION WELL	GALLONS; LITERS; GALLONS PER DAY; OR LITERS PER DAY	GALLONS PER HOUR .....	E
D80	LANDFILL	ACRE-FEET OR HECTARE-METER	GALLONS PER DAY .....	U
D81	LAND APPLICATION	ACRES OR HECTARES	LITERS .....	L
D82	OCEAN DISPOSAL	GALLONS PER DAY OR LITERS PER DAY	LITERS PER HOUR .....	H
D83	SURFACE IMPOUNDMENT	GALLONS OR LITERS	LITERS PER DAY .....	V
	<b>STORAGE:</b>		SHORT TONS PER HOUR .....	D
S01	CONTAINER (barrel, drum, etc.)	GALLONS OR LITERS	METRIC TONS PER HOUR .....	W
S02	TANK	GALLONS OR LITERS	SHORT TONS PER DAY .....	N
S03	WASTE PILE	CUBIC YARDS OR CUBIC METERS	METRIC TONS PER DAY .....	S
S04	SURFACE IMPOUNDMENT	GALLONS OR LITERS	POUNDS PER HOUR .....	J
	<b>TREATMENT:</b>		KILOGRAMS PER HOUR .....	R
T01	TANK	GALLONS PER DAY OR LITERS PER DAY	CUBIC YARDS .....	Y
T02	SURFACE IMPOUNDMENT	GALLONS PER DAY OR LITERS PER DAY	CUBIC METERS .....	C
T03	INCINERATOR	SHORT TONS PER HOUR; METRIC TONS PER HOUR; GALLONS PER HOUR; LITERS PER HOUR; OR BTU'S PER HOUR	ACRES .....	B
			ACRE-FEET .....	A
			HECTARES .....	Q
			HECTARE-METER .....	F
			BTU's PER HOUR .....	K
T04	OTHER TREATMENT	GALLONS PER DAY; LITERS PER DAY; POUNDS PER HOUR; SHORT TONS PER HOUR; KILOGRAMS PER HOUR; METRIC TONS PER DAY; METRIC TONS PER HOUR; OR SHORT TONS PER DAY		
	(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundment or incinerators. Describe the processes in the space provided in Item XIII.)			



EPA I.D. Number (enter from page 1)

Secondary ID Number (enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES										(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
							(1) PROCESS CODES (enter)										
1	F	0	0	1	<100*	K	D	8	0								
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
32																	
33																	

EPA ID Number (enter from page 1)

Secondary ID Number (enter from page 1)

N C D 0 7 0 6 1 9 6 6 3

## Description of Hazardous Wastes

- A. EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR Part 261 Subpart D, enter the four-digit number(s) from 40 CFR Part 261 Subpart C that describes the characteristic and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

## D. PROCESSES

## 1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item XII A, on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XII A, on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that processes that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

- Enter the first two as described above.
- Enter "000" in the extreme right box of Item XIV-B(1).
- Enter in the space provided on page 7, Item XIV-E, the line number and the additional code(s).

## 2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form (D(2)).

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
- Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA HAZARD WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS									
				(1) PROCESS CODES (enter)					(2) PROCESS DESCRIPTION (if a code is not entered in D(1))				
X 1	K 0 5 4	900	P	T	0	3	D	8	0				
X 2	D 0 0 2	400	P	T	0	3	D	8	0				
X 3	D 0 0 1	100	P	T	0	3	D	8	0				
X 4	D 0 0 2												Included With Above

**Note: Mail completed form to the appropriate EPA Regional or State Office (refer to Instructions for more information)**

EPA Form 8700-23 (01-90)

## ATTACHMENT

ITEM III.D. FACILITY EXISTENCE DATA

Current hazardous waste compliance activities for the Asheville Dyeing & Finishing facility, including this Part A application, are a result of the Administrative Order on Consent entered between Asheville Dyeing & Finishing and the North Carolina Department of Environment, Health, and Natural Resources on 29 August 1990. The date of commencement of hazardous waste operations at the facility, as requested in Item III.D. of the Part A application, does not readily apply to this specific hazardous waste compliance activity. The following passage from the "Stipulations and Findings of Fact," as contained in the Administrative Order on Consent, more accurately depicts the date of hazardous waste activity at the facility:

"The Hazardous Waste Section alleges that prior to April 1985, as part of a dry cleaning process at the site, the prior owner/operator of the Asheville Dyeing & Finishing site utilized a raw material underground storage tank and a hazardous waste underground storage tank, both for the storage of tetrachloroethylene. In April 1985, the tanks were removed. Soil samples were collected from the bottom of the tank pits and analyzed by Environmental Testing, Inc. for the presence of solvents. Sample analysis results indicated detectable levels of 1,1,2-trichloroethylene in the soil beneath the tanks. In addition, approximately 14 years ago, an alleged spill of solvent by the previous owner/operator, consisting primarily of tetrachloroethylene occurred at Asheville Dyeing & Finishing's site and it is believed that some of the solvent entered an 8-inch drain pipe and followed this pipe to Bee Tree Creek, approximately 1100 feet east of the plant building. Most of the solvent reportedly entered the ground. In 1988, Westinghouse Environmental Services collected soil samples from the site. The samples were analyzed by Industrial and Environmental Analysts, Inc. for volatile organics. Three hazardous constituents were reported in the results: acetone, methylene chloride, and tetrachloroethylene. From the alleged actions of the previous owner/operator, the trichloroethylene, tetrachloroethylene, and methylene chloride contamination in soils at the site constitutes either the disposal of listed hazardous wastes (F001, F003) or the presence of hazardous constituents, as defined in 40 CFR 260.10, codified at 10 NCAC 10F.0002 and 40 CFR 261, codified at 10 NCAC 10F.0029. For the purpose of this order, the Waste Management Unit (the Unit) is the hazardous waste underground storage tank described above. Asheville Dyeing & Finishing neither admits nor denies any of the allegations set out in this paragraph."

This Part A application, as filed herein, addresses only the underground storage tank pit area where waste tetrachloroethylene was formerly stored.

ITEM V. FACILITY CONTACT

Director, Employee Relations

ITEM XII. PROCESS CODES AND DESIGN CAPABILITIES

Volume of D80 landfill based on estimated dimensions of former underground storage tank pit of 10 ft. x 20 ft. x 10 ft. deep.

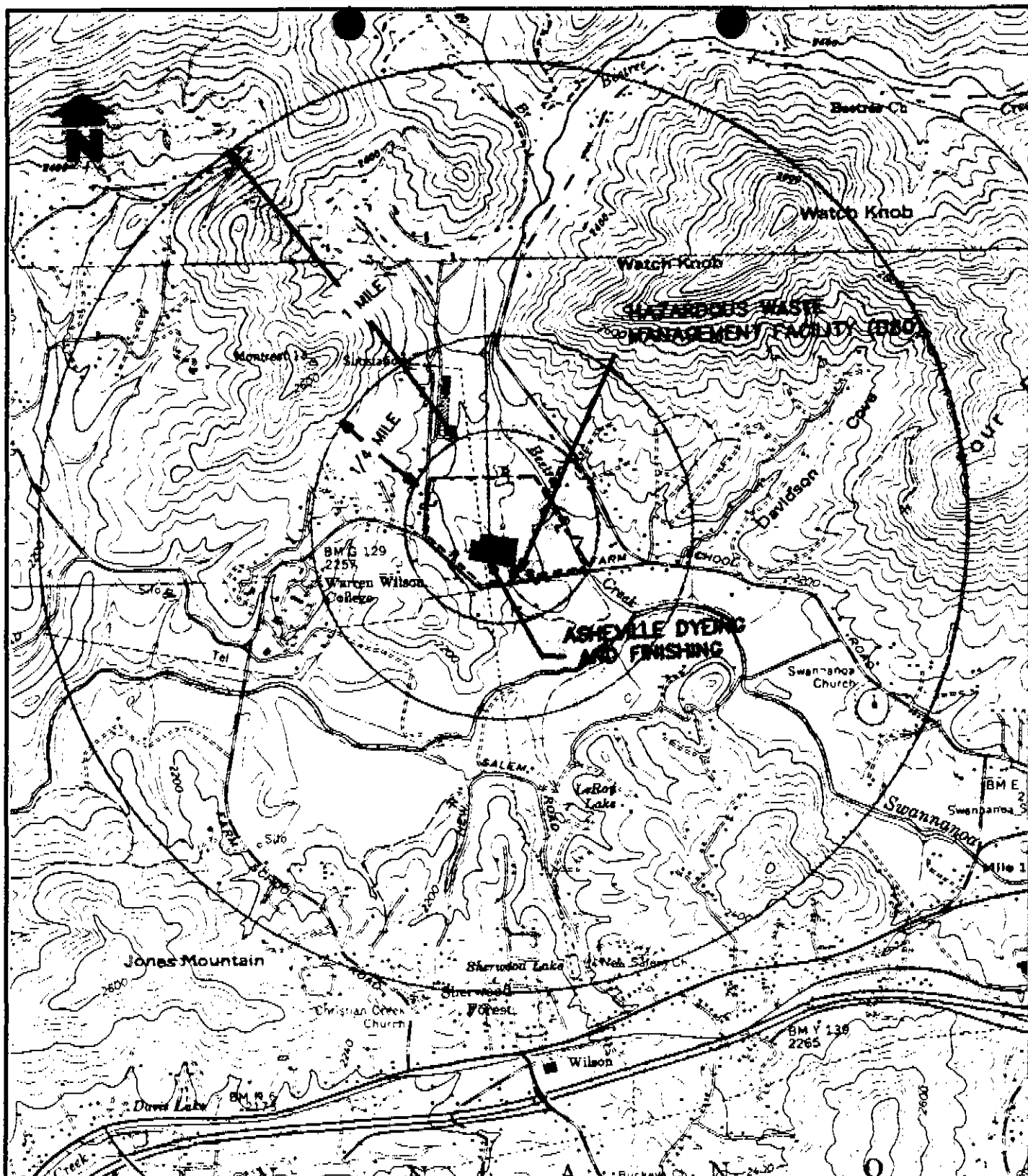
ITEM XIV. DESCRIPTION OF HAZARDOUS WASTES

Estimated quantity of waste based on assumption of maximum 1,1,2-trichloroethylene concentration in soil of 1 mg/kg over a 10 ft. x 20 ft. x 1 ft. deep area (i.e., soil immediately underlying previous underground storage tank). This waste represents leakage or spillage associated with operation of an underground storage tank taken out of service in March 1985. The estimated quantity is a conservative, cumulative total of trichloroethylene potentially present in subsurface soils. No additional trichloroethylene wastes are being or will be generated.

ITEM XV. MAP

According to "Geology and Groundwater Resources of the Asheville Area, North Carolina" (Trapp, 1970), four privately-owned wells are located within the immediate vicinity of the facility. Two of these wells are reported to be observation wells; use of the remaining two wells is not identified. However, none of the wells are located within 1/4-mile of the Asheville Dyeing & Finishing facility. The C.D. Owens Company, located within 1/4-mile of the facility, owns and operates several wells on its property; however, these wells are reportedly used for industrial purposes.





SOURCE: USGS OTEEN, NC (201-SW) AND CRAGGY PINNACLE, NC (201-NW) SCALE: 1"=2000'

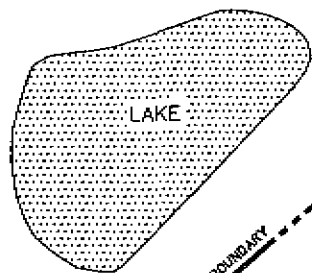
$R_L$  = PROPERTY LINE

SITE LOCATION N 82° 25' 56"  
W 35° 36' 44"

ITEM XV. MAP

**WESTON**

\*SEE ATTACHMENT



LAKE

DRAIN

BEE

TREE

CREEK

PROPERTY  
BOUNDARY

SEWER LINE

PARKING AREA

BUILDING

SEWER LINE

LOCATION OF FORMER  
TETRACHLOROETHYLENE  
WASTE STORAGE TANK

BEE


TREE

ROAD

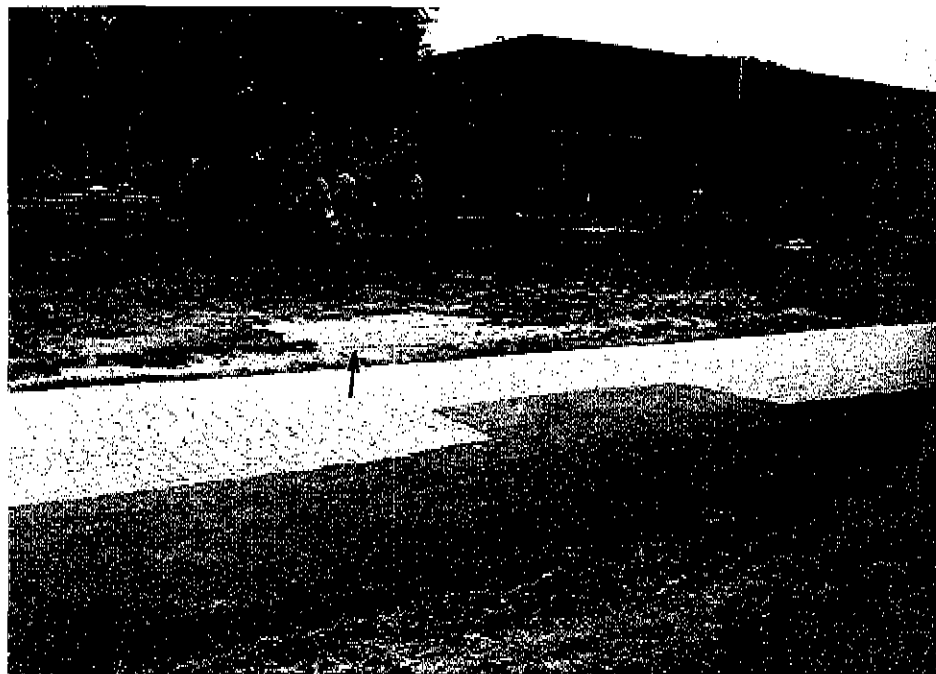
WARREN WILSON COLLEGE ROAD

0 100 200 400  
APPROXIMATE SCALE IN FEET

ITEM XVI, FACILITY DRAWING ASHEVILLE DYEING AND FINISHING CO.	
DATE	
REV.	
REV.	
SCALE	
APPROVED BY.	
DRAWN BY.	



ITEM XVII. PHOTOGRAPHS



SITE OF FORMER UNDERGROUND STORAGE TANK PIT  
(D80 LANDFILL)  
28 JUNE 1990